

=> fil reg
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STRUCTURE FILE UPDATES: 30 JUL 2008 HIGHEST RN 1037244-07-7
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=> d his

(FILE 'HOME' ENTERED AT 08:41:03 ON 01 AUG 2008)

FILE 'REGISTRY' ENTERED AT 08:41:14 ON 01 AUG 2008
E METABLEN S ?/CN

L1 1 S E1

FILE 'HCAPLUS' ENTERED AT 08:44:00 ON 01 AUG 2008

L2 1 S L1

=> fil hcap
FILE 'HCAPLUS' ENTERED AT 08:44:36 ON 01 AUG 2008
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FILE COVERS 1907 - 1 Aug 2008 VOL 149 ISS 5
FILE LAST UPDATED: 30 Jul 2008 (20080730/ED)

HCAplus now includes complete International Patent Classification (IPC)

reclassification data for the second quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 12 ibib abs hitstr hitind

L2 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1997:353201 HCAPLUS Full-text
DOCUMENT NUMBER: 127:18432
ORIGINAL REFERENCE NO.: 127:3720h,3721a
TITLE: Tough heat-resistant epoxy resin compositions
and fiber-reinforced tubes using the same
Sano, Tomoo; Lin, Shigeji; Sugimori, Masahiro
INVENTOR(S):
PATENT ASSIGNEE(S): Mitsubishi Rayon Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 09077844	A	19970325	JP 1995-235667	199509 13
PRIORITY APPLN. INFO.:			JP 1995-235667	199509 13

AB Title compns. comprise epoxy resins, epoxy resin hardeners, and composite rubber graft copolymers formed by grafting vinyl monomers on composite rubbers containing polyorganosiloxanes and poly[alkyl (meth)acrylate]. Thus, Ep 828 100, a graft copolymer (from tetraethoxysilane- γ -methacryloyloxypropyldimethoxymethylsilane-octamethylcyclotetrasiloxane copolymer, Bu acrylate allyl methacrylate, and styrene) 10, dicyanediarnide 4.5, and 3,4-dichlorophenyl-N,N-dimethylurea 4 parts were blended into a curing resin with high impact strength and heat resistant.

IT 189348-46-7E
RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(tough heat-resistant epoxy resin compns. and fiber-reinforced tubes using the same)

RN 189348-46-7 HCAPLUS

CN Guanidine, cyano-, polymer with (chloromethyl)oxirane, Metablen S 2001 and 4,4'-(1-methylethylidene)bis[phenol] (9CI) (CA INDEX NAME)

CM 1

CRN 149718-92-3

CMF Unspecified

CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 461-58-5

CMF C2 H4 N4



CM 3

CRN 106-89-8

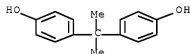
CMF C3 H5 Cl O



CM 4

CRN 80-05-7

CMF C15 H16 O2



IC ICM C08G059-18

ICS C08G059-18; B29C070-06; C08F265-00; C08G077-42; C08J005-24;
B29K063-00; B29K105-08; B29L023-00

CC 37-6 (Plastics Manufacture and Processing)

IT 189348-45-6P 189348-46-7P 189446-99-9P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); TEM
(Technical or engineered material use); PREP (Preparation); USES
(Uses)(tough heat-resistant epoxy resin compns. and fiber-reinforced
tubes using the same)

log=> fil reg

FILE 'REGISTRY' ENTERED AT 08:51:16 ON 01 AUG 2008

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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d l1 ide

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 189348-46-7 REGISTRY
ED Entered STN: 30 May 1997
CN Guanidine, cyano-, polymer with (chloromethyl)oxirane, Metablen S
2001 and 4,4'-(1-methylethylidene)bis[phenol] (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Metablen S 2001, polymer with (chloromethyl)oxirane,
cyanoguanidine and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
CN Oxirane, (chloromethyl)-, polymer with cyanoguanidine, Metablen S
2001 and 4,4'-(1-methylethylidene)bis[phenol] (9CI)
CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with
(chloromethyl)oxirane, cyanoguanidine and Metablen S 2001 (9CI)
MF (C15 H16 O2 . C3 H5 Cl O . C2 H4 N4 . Unspecified)x
CI PMS
PCT Epoxy resin, Manual component, Polyether
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 149718-92-3
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 461-58-5
CMF C2 H4 N4



CM 3

August 1, 2008

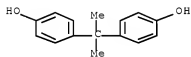
10/549,708

5

CRN 106-89-8
CMF C3 H5 Cl O



CM 4
CRN 80-05-7
CMF C15 H16 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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